



SEQUENCE LISTING

<10> Ball, Kathryn L
Lane, David P

<120> Methods and Means for Inhibition of CDK4 Activity

<130> CCI-007US

<140> US 09/180,269

<141> 1999-07-08

<150> PCT/GB97/01250

<151> 1997-05-08

<150> GB 9609521.1

<151> 1996-05-08

<150> GB 9621314.5

<151> 1996-10-09

<160> 28

<170> PatentIn Ver. 2.1

<210> 1

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 1

Met Ser Glu Pro Ala Gly Asp Val Arg Gln Asn Pro Cys Gly Ser Lys
1 5 10 15

Ala Cys Arg Arg
20

<210> 2

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 2

Lys Ala Cys Arg Arg Leu Phe Gly Pro Val Asp Ser Glu Gln Leu Ser
1 5 10 15

Arg Asp Cys Asp
20

<210> 3
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 3
Ser Arg Asp Cys Asp Ala Leu Met Ala Gly Cys Ile Gln Glu Ala Arg
1 5 10 15

Glu Arg Trp Asn
20

<210> 4
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 4
Arg Glu Arg Trp Asn Phe Asp Phe Val Thr Glu Thr Pro Leu Glu Gly
1 5 10 15

Asp Phe Ala Trp
20

<210> 5
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 5
Gly Asp Phe Ala Trp Glu Arg Val Arg Gly Leu Gly Leu Pro Lys Leu
1 5 10 15

Tyr Leu Pro Thr
20

<210> 6
<211> 20
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 6

Leu Tyr Leu Pro Thr Gly Pro Arg Arg Gly Arg Asp Glu Leu Gly Gly
1 5 10 15

Gly Arg Arg Pro
20

<210> 7

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 7

Gly Gly Arg Arg Pro Gly Thr Ser Pro Ala Leu Leu Gln Gly Thr Ala
1 5 10 15

Glu Glu Asp His
20

<210> 8

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 8

Ala Glu Glu Asp His Val Asp Leu Ser Leu Ser Cys Thr Leu Val Pro
1 5 10 15

Arg Ser Gly Glu
20

<210> 9

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 9

Pro Arg Ser Gly Glu Gln Ala Glu Gly Ser Pro Gly Gly Pro Gly Asp

1 5 10 15
Ser Gln Gly Arg
20

<210> 10
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 10
Lys Arg Arg Gln Thr Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg
1 5 10 15

Leu Ile Phe Ser
20

<210> 11
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 11
Thr Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser
1 5 10 15

Lys Arg Lys Pro
20

<210> 12
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Motif

<400> 12
Arg Arg Leu Ile Phe
1 5

<210> 13
<211> 8

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Motif

<400> 13
Lys Arg Arg Leu Ile Phe Ser Lys
1 5

<210> 14
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> SITE
<222> (2)..(3)
<223> Xaa may be any amino acid

<220>
<221> SITE
<222> 6, 8
<223> Xaa may be hydrophobic

<220>
<221> SITE
<222> 1, 9
<223> Residue may be absent or different, ie another amino acid

<220>
<223> Description of Artificial Sequence: General formula

<400> 14
Lys Xaa Xaa Arg Arg Xaa Phe Xaa Pro
1 5

<210> 15
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Carrier peptide

<400> 15
Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 16
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 16
Pro Arg Ser Gly Glu Gln Ala Glu Gly Ser Pro Gly Gly Pro Gly Asp
1 5 10 15

Ser Gln Gly Arg
20

<210> 17
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 17
Glu Gln Ala Glu Gly Ser Pro Gly Gly Pro Gly Asp Ser Gln Gly Arg
1 5 10 15

Lys Arg Arg Gln
20

<210> 18
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 18
Gly Ser Pro Gly Gly Pro Gly Asp Ser Gln Gly Arg Lys Arg Arg Gln
1 5 10 15

Thr Ser Met Thr
20

<210> 19
<211> 20
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 19

Gly Pro Gly Asp Ser Gln Gly Arg Lys Arg Arg Gln Thr Ser Met Thr
1 5 10 15

Asp Phe Tyr His
20

<210> 20

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 20

Ser Gln Gly Arg Lys Arg Arg Gln Thr Ser Met Thr Asp Phe Tyr His
1 5 10 15

Ser Lys Arg Arg
20

<210> 21

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 21

Thr Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser
1 5 10 15

Lys Arg Lys Pro
20

<210> 22

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesised

<400> 22

Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser Lys Arg Lys Pro
1 5 10 15

<210> 23
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Truncated
peptide

<400> 23
Lys Arg Arg Leu Ile Phe Ser Lys
1 5

<210> 24
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 24
Lys Arg Arg Gln Thr Ser Ala Thr Asp Phe Tyr His Ser Lys Arg Arg
1 5 10 15
Leu Ile Phe Ser Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met
20 25 30
Lys Trp Lys Lys
35

<210> 25
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 25
Lys Arg Arg Leu Ile Phe Ser Lys Arg Gln Ile Lys Ile Trp Phe Gln
1 5 10 15
Asn Arg Arg Met Lys Trp Lys Lys
20

<210> 26
<211> 30

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 26
Arg Gln Thr Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg Arg Gln
1 5 10 15

Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
20 25 30

<210> 27
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 27
Gln Thr Ser Met Thr Asp Phe Tyr
1 5

<210> 28
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthesised

<400> 28
Lys Arg Arg Gln Thr Ser Ala Thr Asp Phe Tyr His Ser Lys Arg Arg
1 5 10 15

Leu Ile Phe Ser
20